

SAFETY DATA SHEET

D820A99 BLACK K4 HH

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Compilation date: 27/11/2019

Revision date: 10/07/2020

Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: D820A99 BLACK K4 HH

Product code: D820A99

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC32: Polymer preparations and compounds. Thermoplastic resin

1.3. Details of the supplier of the safety data sheet

Company name: Sumika Polymer Compounds (UK) Ltd

New Lane

Havant

Hampshire

PO9 2NQ

United Kingdom

Tel: +44 (0) 2392 249 133

Email: msds@sumika.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 7909 960 463

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

Other hazards: Danger of slipping from spilled granules The product can form an electrostatic charge during handling. Contact with molten product can cause burns. The product produces vapour when heated that may cause irritation to the eyes and respiratory areas.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous ingredients:

3,9-BIS(2,4-DI-TERT-BUTYLPHENOXY)-2,4,8,10-TETRAOXA-3,9-DIPHOSPHASPIRO[5.5]UNDECANE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
247-952-5	26741-53-7	-	Aquatic Chronic 1: H410	<1%

Contains: Polypropylene
Additives and pigments
Stabilising agents
Mineral reinforcement

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: If splashed with molten material, rinse well with cold water. Drench affected skin with running water for 10 minutes, longer if substance is still on the skin. Consult a doctor

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Consult a doctor.

Inhalation: If a large volume of the vapour is inhaled, remove patient to fresh air and consult a doctor immediately

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: No symptoms at room temperature

Eye contact: Dust may cause eye irritation.

Ingestion: No data available.

Inhalation: Dust may cause respiratory tract irritation.

Delayed / immediate effects: Not applicable.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Carbon dioxide. Dry chemical powder. Do not spray directly with water.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. May cause a slipping hazard

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6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method. Water spill: contain the spill with a barrier and recover by skimming. Retrieve by vacuuming or sweeping.

6.4. Reference to other sections

Reference to other sections: Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Earth any equipment used in handling.
Do not eat or drink whilst using the materials

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Keep away from direct sunlight. Avoid contact with water or humidity.
Attention to the build up of static

Suitable packaging: Polyethylene.

7.3. Specific end use(s)

Specific end use(s): Moulding press.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. When handling molten materials, wearing respiratory protection is recommended suitable for vapours

Hand protection: Where contact with hot or molten material is possible, wear heat resistant gloves
Wearing gloves is recommended when handling the product and molded part.

Eye protection: When using hot molten materials wear safety glasses with side protection

Skin protection: Long sleeves to be worn when handling molten material

Environmental: Not applicable.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Pellets

Colour: Black

Odour: Odourless

Melting point/range°C: 160-200

Relative density: 1.03-1.35

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Not applicable.

10.4. Conditions to avoid

Conditions to avoid: High temperatures for extended periods

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: No data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

3,9-BIS(2,4-DI-TERT-BUTYLPHENOXY)-2,4,8,10-TETRAOXA-3,9-DIPHOSPHASPIRO[5.5]UNDECANE

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: No symptoms at room temperature

Eye contact: Dust may cause eye irritation.

Ingestion: No data available.

Inhalation: Dust may cause respiratory tract irritation.

[cont...]

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Delayed / immediate effects: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

3,9-BIS(2,4-DI-TERT-BUTYLPHENOXY)-2,4,8,10-TETRAOXA-3,9-DIPHOSPHASPIRO[5.5]UNDECANE

ALGAE	72H ErC50	23.5	g/l
FISH	96H LC50	70.7	mg/l

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: To our knowledge, the mixture remains in granular form and is therefore not in the food chain.

12.4. Mobility in soil

Mobility: Very low in soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: This mixture has not been tested

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H410: Very toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.